


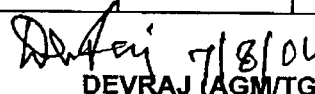



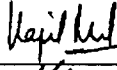

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| दिनांक एवं हस्ताक्षर SIGN & DATE |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60456 पृष्ठ 2 का 1 Page 1 of 2 | | | | | | | | | |
| सामग्री सूची संख्या INVENTORY NO. | SUPERSEDES INVENTORY NO. | EMPTY HYDROGEN CYLINDER | | | | | | | | | | |
| 1.0 SCOPE This specification covers the design, manufacture, testing and supply of EMPTY HYDROGEN CYLINDER As per the requirements specified herein. | | | | | | | | | | | | |
| 2.0 STANDERD APPLICABLE Latest addition of IS: 3224 and IS:7285. | | | | | | | | | | | | |
| 3.0 DIMENSIONS <table style="width:100%; border: none;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Outside diameter</td> <td style="width: 50%;">=232 mm.</td> </tr> <tr> <td>b.</td> <td>Cylinder wall thickness</td> <td>=5.4 mm.(Min)</td> </tr> <tr> <td>c.</td> <td>Overall length</td> <td>=1445 mm</td> </tr> </table> | | | | a. | Outside diameter | =232 mm. | b. | Cylinder wall thickness | =5.4 mm.(Min) | c. | Overall length | =1445 mm |
| a. | Outside diameter | =232 mm. | | | | | | | | | | |
| b. | Cylinder wall thickness | =5.4 mm.(Min) | | | | | | | | | | |
| c. | Overall length | =1445 mm | | | | | | | | | | |
| 4.0 DESIGN The top end should be necked down to 2" dia. And screwed internally to dia 1" standard taper 1 in 8, 14 TPI to IS: 3224. The bottom of cylinder shall be concave. | | | | | | | | | | | | |
| 5.0 FITTINGS The Gas cylinder should be complete with the following fittings/accessories. | | | | | | | | | | | | |
| <table style="width:100%; border: none;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">neck collar</td> <td style="width: 50%;"></td> </tr> <tr> <td>b.</td> <td>protection cap.</td> <td></td> </tr> <tr> <td>c.</td> <td>outlet valve to IS:3224</td> <td></td> </tr> </table> | | | | a. | neck collar | | b. | protection cap. | | c. | outlet valve to IS:3224 | |
| a. | neck collar | | | | | | | | | | | |
| b. | protection cap. | | | | | | | | | | | |
| c. | outlet valve to IS:3224 | | | | | | | | | | | |
| 6.0 CAPACITY <table style="width:100%; border: none;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Water capacity</td> <td style="width: 50%;">=46.7 Liters</td> </tr> <tr> <td>b.</td> <td>Volume of Gas</td> <td>=7 M³ (app)</td> </tr> </table> | | | | a. | Water capacity | =46.7 Liters | b. | Volume of Gas | =7 M ³ (app) | | | |
| a. | Water capacity | =46.7 Liters | | | | | | | | | | |
| b. | Volume of Gas | =7 M ³ (app) | | | | | | | | | | |


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| हस्ताक्षर एवं दिनांक SIGN & DATE | TSX KISHAN LAL PSC Member L. CHAND QAX D. KUMAR सहमत विभाग AGREED DEPTT. | नाम NAME दिनांक एवं हस्ताक्षर DATE & SIGNATURE | अनुवादक TRANSLATED BY निर्माणकर्ता WORKED BY KN जांचकर्ता CHECKED BY K.R.G. पर्यवेक्षणकर्ता SUPERVISED BY K.R.GUPTA | दिनांक एवं हस्ताक्षर SIGN. & DATE 29/6/04 29/6/04 29/6/04 |
| सामग्री सूची संख्या INVENTORY NO. | P-5972 | स्वीकृति : APPROVED : DEVRAJ (AGM/TGE) | | |
| REV. NO. 01 DATED: 12.8.04 | | निर्माण PREPARED TGE, HEEP, HWR जारी ISSUED TGE, HEEP, HWR दिनांक : DATE 01-11-93 | | |


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|--|--|---|---|--|---|---|----------------|--------------------|
| सामग्री सूची संख्या INVENTORY NO. P-5972 | हस्ताक्षर एवं दिनांक SIGN & DATE 11/01/04 | स्वीकृति एवं गोपनीय The information on this document is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company. | संपूर्ण सूची संख्या को अधिकारित करता है। | SUPERSEDES INVENTORY NO. |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60456 | |
| | | | | | | पृष्ठ 2 का 2 Page 2 of 2 | | |
| <p>7.0 <u>WORKING PRESSURE:</u> 150kg/cm2</p> <p>8.0 <u>MATERIAL</u></p> <p>The cylinders shall conform to IS: 7285 and shall be made of seamless steel tubes high carbon manganese steel. The valve body shall be made of brass and internals of stainless steel.</p> <p>9.0 <u>TEST REQUIREMENTS OF CYLINDERS:</u> As per IS: 7285</p> <p>10.0 <u>PAINTING AND MARKING ON CYLINDERS</u></p> <p>To be as per IS: 7285</p> <p>11.0 <u>INFORMATION REQUIRED WITH THE OFFER</u></p> <p>Cylinder drawing indicating the following details:</p> <ul style="list-style-type: none"> a. The standard to which cylinder and fitting conform. b. Capacity, size and wall thickness of cylinder. c. Details and arrangement of fittings. d. Minimum wall thickness of cylinder. e. Working pressure, pneumatic test pressure, hydraulic test pressure and hydraulic stretch test pressure and hydraulic stretch test pressure. <p>12.0 <u>TEST CERTIFICATES</u></p> <ul style="list-style-type: none"> a. Test certificates for all tests indicate in clauses 9.0 of this specification. b. Manufacturer shall be furnish inspection certificates from BIS and approval certificates from from Dept. of Explosives, Nagpur. <p>13.0 <u>GENERAL</u></p> <ul style="list-style-type: none"> a. The offers submitted shall be strictly in line with the requirements specified in this specification. b. All the documents as required in clause 11 and 12 shall be submitted in 5 copies. <p>14.0 <u>BASED ON:</u> BHEL Experience</p> <p>15.0 <u>CROSS REFERRED STANDARD:</u> IS: 3224, IS: 7285,</p> | | | | | | | | |
| 01 REV. | | | | निर्माणकर्ता Worked by KN | | जांचकर्ता Checked by KRG | | 29/6/04 29/6/04 |

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| दिनांक एवं हस्ताक्षर SIGN & DATE |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60462 पृष्ठ 2 का 1 Page 1 of 2 | | | | | | | | | |
| सामग्री सूची संख्या INVENTORY NO. | EMPTY NITROGEN CYLINDER | | | | | | | | | | | |
| 1.0 | SCOPE This specification covers the design, manufacture, testing and supply of EMPTY SEAMLESS NITROGEN CYLINDER As per the requirements specified herein. | | | | | | | | | | | |
| 2.0 | STANDARD APPLICABLE Latest addition of IS: 3224 and IS: 7285. | | | | | | | | | | | |
| 3.0 | DIMENSIONS <table style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Outside diameter</td> <td style="width: 50%;">=232 mm.</td> </tr> <tr> <td>b.</td> <td>Cylinder wall thickness</td> <td>=5.4 mm.(Min)</td> </tr> <tr> <td>c.</td> <td>Overall length</td> <td>=1445 mm</td> </tr> </table> | | | a. | Outside diameter | =232 mm. | b. | Cylinder wall thickness | =5.4 mm.(Min) | c. | Overall length | =1445 mm |
| a. | Outside diameter | =232 mm. | | | | | | | | | | |
| b. | Cylinder wall thickness | =5.4 mm.(Min) | | | | | | | | | | |
| c. | Overall length | =1445 mm | | | | | | | | | | |
| 4.0 | DESIGN The top end should be necked down to 2" dia. And screwed internally to dia 1" standard taper 1 in 8, 14 TPI to IS: 3224. The bottom of cylinder shall be concave. | | | | | | | | | | | |
| 5.0 | FITTINGS The Gas cylinder should be complete with the following fittings/accessories. | | | | | | | | | | | |
| 6.0 | CAPACITY <table style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Water capacity</td> <td style="width: 50%;">=46.7 Liters</td> </tr> <tr> <td>b.</td> <td>Volume of Gas</td> <td>=7 M³ (app)</td> </tr> </table> | | | a. | Water capacity | =46.7 Liters | b. | Volume of Gas | =7 M ³ (app) | | | |
| a. | Water capacity | =46.7 Liters | | | | | | | | | | |
| b. | Volume of Gas | =7 M ³ (app) | | | | | | | | | | |

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|--------------------------------------|---|---|--|---|
| हस्ताक्षर एवं दिनांक SIGN & DATE | TSX KISHAN LAL PSC Member L. CHAND QAX D. KUMAR सहमत विभाग AGREED DEPTT. | नाम NAME दिनांक एवं हस्ताक्षर DATE & SIGNATURE | अनुवादक TRANSLATED BY निर्माणकर्ता WORKED BY KN जांचकर्ता CHECKED BY K.R.G. पर्यवेक्षणकर्ता SUPERVISED BY K.R.GUPTA | दिनांक एवं हस्ताक्षर SIGN. & DATE 29/6/04 29/6/04 29/6/04 |
| सामग्री सूची संख्या INVENTORY NO. | स्वीकृति :  APPROVED : DEVRAJ (AGM/TGE) | | | |
| REV. NO. 01 DATED: 12-8-04 | निर्माण PREPARED TGE, HEEP, HWR | | जारी ISSUED TGE, HEEP, HWR | |
| दिनांक : DATE 01-11-93 | | | | |

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| सामग्री सूची संख्या INVENTORY NO. P-5970 | हस्ताक्षर एवं दिनांक SIGN & DATE 14.8.04 | स्वत्वधिकार एवं गोपनीय The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company. | सामग्री सूची संख्या SUPERSEDES को अधिकतम करता है। INVENTORY NO. | दिनांक एवं हस्ताक्षर SIGN & DATE |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60462 |
| | | | | | पृष्ठ 2 का 2 Page 2 of 2 | | |
| | | | | | | | |
| 7.0 <u>WORKING PRESSURE</u> : 150 Kg/cm ² | | | | | | | |
| 8.0 <u>MATERIAL</u> The cylinders shall conform to IS: 7285 and shall be made of seamless steel tubes high carbon manganese steel. The valve body shall be made of brass and internals of stainless steel. | | | | | | | |
| 9.0 <u>TEST REQUIREMENTS OF CYLINDERS</u> : As per IS: 7285. | | | | | | | |
| 10.0 <u>PAINTING AND MARKING ON CYLINDERS</u> To be as per IS: 7285 | | | | | | | |
| 11.0 <u>INFORMATION REQUIRED WITH THE OFFER</u> Cylinder drawing indicating the following details: <ul style="list-style-type: none"> a. The standard to which cylinder and fitting conform. b. Capacity, size and wall thickness of cylinder. c. Details and arrangement of fittings. d. Minimum wall thickness of cylinder. e. Working pressure, pneumatic test pressure, hydraulic test pressure and hydraulic stretch test pressure and hydraulic stretch test pressure. f. Filling ratio of cylinder | | | | | | | |
| 12.0 <u>TEST CERTIFICATES</u> <ul style="list-style-type: none"> a. Test certificates for all tests indicate in clauses 9.0 of this specification. b. Manufacturer shall be furnish inspection certificates from BIS and approval certificates from from Dept. of Explosives Nagpur. | | | | | | | |
| 13.0 <u>GENERAL</u> <ul style="list-style-type: none"> a. The offers submitted shall be strictly in line with the requirements specified in this specification. c. All the documents as required in clause 11 and 12 shall be submitted in 5 copies. | | | | | | | |
| 14.0 <u>BASED ON</u> : BHEL Experience. | | | | | | | |
| 15.0 <u>CROSS REFERRED STANDARD</u> : IS: 3224, IS: 7285 | | | | | | | |
| REV. 01 | | | निर्माणकर्ता Worked by | KN |  | 29/6/04 | |
| | | | जांचकर्ता Checked by | KRG |  | 29/6/04 | |


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|--|--|---|---|----|------------------|----------|----|-------------------------|---------------|----|----------------|----------|----|-------------|--|----|-----------------|--|----|--------------------------|--|----|-------------|--|----|------------------------------|--|----|----------------|--------------|----|----------------------|----------------------------|
| दिनांक एवं हस्ताक्षर SIGN & DATE |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60457 पृष्ठ 2 का 1 Page 1 of 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUPERSEDES INVENTORY NO. | EMPTY CARBONDIOXIDE CYLINDER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| सामग्री सूची संख्या को अधिकतम करता है। | <p>1.0 <u>SCOPE</u></p> <p>This specification covers the design, manufacture, testing and supply of EMPTY SEAMLESS CARBONDIOXIDE CYLINDER As per the requirements specified herein.</p> <p>2.0 <u>STANDERD APPLICABLE</u></p> <p>Latest addition of IS: 3224 and IS: 7285.</p> <p>3.0 <u>DIMENSIONS</u></p> <table style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Outside diameter</td> <td style="width: 50%;">=232 mm.</td> </tr> <tr> <td>b.</td> <td>Cylinder wall thickness</td> <td>=5.4 mm.(Min)</td> </tr> <tr> <td>c.</td> <td>Overall length</td> <td>=1450 mm</td> </tr> </table> <p>4.0 <u>DESIGN</u></p> <p>The top end should be necked down to 2" dia. And screwed internally to dia 1" standard taper 1 in 8, 14 TPI to IS: 3224. The bottom of cylinder shall be concave.</p> <p>5.0 <u>FITTINGS</u></p> <p>The Gas cylinder should be complete with the following fittings/accessories.</p> <table style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">neck collar</td> <td style="width: 50%;"></td> </tr> <tr> <td>b.</td> <td>protection cap.</td> <td></td> </tr> <tr> <td>c.</td> <td>outlet valve to IS: 3224</td> <td></td> </tr> <tr> <td>d.</td> <td>Syphon tube</td> <td></td> </tr> <tr> <td>e.</td> <td>Safety valve / bursting disc</td> <td></td> </tr> </table> <p>6.0 <u>CAPACITY</u></p> <table style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 45%;">Water capacity</td> <td style="width: 50%;">=46.7 Liters</td> </tr> <tr> <td>b.</td> <td>Volume of Gas at NTP</td> <td>=17.4 M³ (app)</td> </tr> </table> | | | a. | Outside diameter | =232 mm. | b. | Cylinder wall thickness | =5.4 mm.(Min) | c. | Overall length | =1450 mm | a. | neck collar | | b. | protection cap. | | c. | outlet valve to IS: 3224 | | d. | Syphon tube | | e. | Safety valve / bursting disc | | a. | Water capacity | =46.7 Liters | b. | Volume of Gas at NTP | =17.4 M ³ (app) |
| a. | Outside diameter | =232 mm. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. | Cylinder wall thickness | =5.4 mm.(Min) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. | Overall length | =1450 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. | neck collar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. | protection cap. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. | outlet valve to IS: 3224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d. | Syphon tube | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| e. | Safety valve / bursting disc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. | Water capacity | =46.7 Liters | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. | Volume of Gas at NTP | =17.4 M ³ (app) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| स्वतंत्राधिकार एवं गोपनीय इस दस्तावेज में दी गई सूचना भारत भारी भारी विद्युत निगम की संपत्ति है। इसका प्रयोग बिना निगम की अनुमति के नहीं किया जा सकता है। | अनुवादक TRANSLATED BY निर्माणकर्ता WORKED BY जांचकर्ता CHECKED BY पर्यवेक्षणकर्ता SUPERVISED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| दिनांक एवं हस्ताक्षर SIGN & DATE | नाम NAME | दिनांक एवं हस्ताक्षर SIGN. & DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TSX | KISHAN LAL | 12/8/04 | अनुवादक TRANSLATED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PSC Member | L. CHAND | 12/8/04 | निर्माणकर्ता WORKED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QAX | D. KUMAR | 12/8/04 | जांचकर्ता CHECKED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| सहमत विभाग AGREED DEPTT. | नाम NAME | दिनांक एवं हस्ताक्षर DATE & SIGNATURE | पर्यवेक्षणकर्ता SUPERVISED BY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P-5971 | स्वीकृति : APPROVED : DEVRAJ (AGM/TGE) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REV. NO. 01 | निर्माण PREPARED | जारी ISSUED | दिनांक : DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATED: 12-8-04 | TGE, HEEP, HWR | TGE, HEEP, HWR | 01-11-93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| सामग्री सूची संख्या INVENTORY NO. P-5971 | दिनांक एवं हस्ताक्षर SIGN & DATE 14.8.04 | स्वतः अधिकार एवं गोपनीय COPYRIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company. | सामग्री सूची संख्या को अधिकृत करता है। INVENTORY NO. | दिनांक एवं हस्ताक्षर SIGN & DATE |  | उत्पाद मानक PRODUCT STANDARD TURBOGENERATOR ENGINEERING | TG60457 |
| | | | | | पृष्ठ 2 का 2 Page 2 of 2 | | |
| <p>7.0 <u>WORKING PRESSURE</u></p> <p>Filling pressure = 150 kg/cm² (g) at 15°C (max.)</p> <p>8.0 <u>MATERIAL</u></p> <p>The cylinder shall conform to IS: 7285 and shall be made of seamless steel tubes high carbon manganese steel. The valve body shall be made of brass and internals of stainless steel.</p> <p>9.0 <u>TEST REQUIREMENTS OF CYLINDERS:</u> As per IS: 7285.</p> <p>10.0 <u>PAINTING AND MARKING ON CYLINDERS</u></p> <p>To be as per IS: 7285</p> <p>11.0 <u>INFORMATION REQUIRED WITH THE OFFER</u></p> <p>Cylinder drawing indicating the following details:</p> <ol style="list-style-type: none"> The standard to which cylinder and fitting conform. Capacity, size and wall thickness of cylinder. Details and arrangement of fittings. Minimum wall thickness of cylinder. Working pressure, pneumatic test pressure, hydraulic test pressure and hydraulic stretch test pressure and hydraulic stretch test pressure. Filling ratio of cylinder <p>12.0 <u>TEST CERTIFICATES</u></p> <ol style="list-style-type: none"> Test certificates for all tests indicate in clauses 9.0 of this specification. Manufacturer shall be furnish inspection certificates from BIS and approval certificates from from Dept. Of explosives Nagpur. <p>13.0 <u>GENERAL</u></p> <ol style="list-style-type: none"> The offers submitted shall be strictly in line with the requirements specified in this specification. All the documents as required in clause 11 and 12 shall be submitted in 5 copies <p>14.0 <u>BASED ON</u> : BHEL Experience.</p> <p>15.0 <u>CROSS REFERRED STANDARDS:</u></p> <p>IS: 7285, IS: 3224</p> | | | | | | | |
| REV. 01 | | निर्माणकर्ता Worked by KN | | जांचकर्ता Checked by KRG | | 29/6/04 29/6/04 | |

NTPC QUALITY PLAN

| | MANUFACTURERS NAME & ADDRESS: | | MANUFACTURING QUALITY PLAN | | | | | PROJECT: _____ PACKAGE: _____ CONTRACT NO.: _____ CONTRACTOR: _____ | | | | | | | |
|---------------------------------------|--|-------------------|---|---------------|------------------------------------|---------------------|------------------|--|--------|--|---|---|---------|--|--|
| | | | ITEM: _____ | | | QP NO. _____ | | | | | | | | | |
| | | | SUB-SYSTEM: _____ | | | REV. _____ | | | | | | | | | |
| | | | | | | DATE: _____ | | | | | | | | | |
| | | | | | PAGE _____ OF. _____ | | | | | | | | | | |
| SL NO. | COMPONENT OPERATIONS | CHARACTERISTICS | CLASS | TYPE OF CHECK | QUANTUM OF CHECK | REFERENCE DOCUMENT | ACCEPTANCE NORMS | FORMAT OF RECORDS | AGENCY | | | | REMARKS | | |
| | | | | | | | | | D* | M | C | N | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | 11 | | |
| | | | | | | | | | | | | | | | |
| | | | LEGEND: * RECORDS IDENTIFIED WITH TICK SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. M: MANUFACTURER / SUB-CONTRACTOR C: CONTRACTOR NOMINATED INSPECTION AGENCY N: NTPC INDICATE “ P ” PERFORM “ W ” WITNESS AND “ V ” VERIFICATION AS APPROPRIATE “ CHP ” NTPC SHALL IDENTIFIED IN COLUM “ N ” | | | | | FOR NTPC USE: | | DOC NO. | | | | | |
| MANUFACTURER / SUB- CONTRACTOR | | CONTRACTOR | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| SIGNATURE: | | | | | | | | REVIEWED BY: | | NAME & SIGN OF APPROVING AUTHORITY & SEAL | | | | | |

QUALITY PLAN

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|  QC-178 | | Q.P. NO. _____ REV _____ SPEC. NO. _____ REV _____ DRG. NO. _____ REV _____ | | | | | | SHEET _____ OF _____ LEGENDS P-Performed by 1-BHEL REP W-Witnessed by 2-Vendor V-Verified by 3-Subvendor | | | | |
| | | SL NO 1 | COMPONENT OPERATION 2 | CHARACTERISTICS 3 | CLASSIFICATION 4 | TYPE OF CHECK 5 | QUANTUM 6 | REFERENCE DOCUMENT 7 | ACCEPTANCE NORMS 8 | FORMAT OF RECORDS 9 | AGENCY <div> P W V </div> | |
| Empty row for data entry | | | | | | | | | | | | |